this chapter. Upon request, the launch operator must file the complete test report with the FAA for review, if the launch operator previously filed test report summaries with the FAA.

(f) *Reuse of flight termination system components.* An applicant's safety review document must contain a reuse qualification test, refurbishment plan, and acceptance test plan for the use of any flight termination system component on more than one flight. This test plan must define the applicant's process for demonstrating that the component can satisfy all its performance specifications when subjected to the qualification test environmental levels plus the total number of exposures to the maximum expected environmental levels for each of the flights to be flown.

§ 415.131 Flight safety system crew data.

(a) An applicant's safety review document must identify each flight safety system crew position and the role of that crewmember during launch processing and flight of a launch vehicle.

(b) An applicant's safety review document must describe the certification program for flight safety system crewmembers established to ensure compliance with §§ 417.105 and 417.311 of this chapter.

§ 415.133 Safety at end of launch.

An applicant must demonstrate compliance with § 417.129 of this chapter, for any proposed launch of a launch vehicle with a stage or component that will reach Earth orbit.

§ 415.135 Denial of safety approval.

The FAA notifies an applicant, in writing, if it has denied safety approval for a license application. The notice states the reasons for the FAA's determination. The applicant may respond to the reasons for the determination and request reconsideration.

§§ 415.136—415.200 [Reserved]

Subpart G—Environmental Review

§ 415.201 General.

An applicant shall provide the FAA with information for the FAA to analyze the environmental impacts associated with a proposed launch. The information provided by an applicant must be sufficient to enable the FAA to comply with the requirements of the National Environment Policy Act, 42 U.S.C. 4321 *et seq.* (NEPA), the Council on Environmental Quality Regulations for Implementing the Procedural Provisions of NEPA, 40 CFR parts 1500–1508, and the FAA's Procedures for Considering Environmental Impacts, FAA Order 1050.1D.

[Amdt. 415–03, 64 FR 19616, Apr. 21, 1999. Redesignated by Amdt. 415–4, 71 FR 50532, Aug. 25, 2006]

§ 415.203 Environmental information.

An applicant shall submit environmental information concerning:

(a) A proposed launch site not covered by existing environmental documentation;

(b) A proposed launch vehicle with characteristics falling measurably outside the parameters of existing environmental documentation;

(c) A proposed launch from an established launch site involving a vehicle with characteristics falling measurably outside the parameters of any existing environmental impact statement that applies to that site;

(d) A proposed payload that may have significant environmental impacts in the event of a mishap; and

(e) Other factors as determined by the FAA.

[Amdt. 415–03, 64 FR 19616, Apr. 21, 1999. Redesignated by Amdt. 415–4, 71 FR 50532, Aug. 25, 2006]

§§ 415.204—415.400 [Reserved]

APPENDIX A TO PART 415—FAA/USSPACECOM LAUNCH NOTIFICATION FORM

Form Approved OMB No. 2120-0608

U.S. Department of Transportation
Federal Aviation Administration

FAA/USSPACECOM Launch Notification

1) Launch Site & Launch Date:
2) Earliest and Latest possible Launch Time (GMT):
3) List of objects to achieve orbit - to include payload description, Rocket bodies, and all other objects:
4) Launch Booster, sustainer, and strap-on descriptions:
5) Launch operator POC - to include name, address, & phone numbers:
6) Orbital Parameters for all objects achieving orbit a) inertial launch azimuth at liftoff:
b) inertial flight azimuth after liftoff:
c) epoch time:
d) nominal period (min):
e) inclination (deg):
f) eccentricity:
g) semimajor axis (km):
h) argument of perigee (deg):
i) right ascension of ascending node (deg):
j) mean anomaly (deg):
k) start time of orbit (hh:mm:ss after launch):
l) end time of orbit (hh:mm:ss after launch):
7) Injection data a) injection point latitude (deg n or s) & longitude (deg e):
b) inertial azimuth at injection point:
c) height above earth (km):

FAA Form 8800-1 (7-98) PAGE 1

FAA/USSPACECOM Launch Notification
d) injection time (hh:mm:ss after liftoff):
8) Sequence of Events from liftoff to final injection. Give the times (hh:mm:ss after liftoff) a) separation of each motor:
b) ignition of each motor:
c) cutoff of each motor:
d) jettison of pieces:
e) maneuvers:
f) reorientations:
g) deorbit:
h) ejection of special packages or other experiments:
9) Optional - Schedule for events (not included in no. 8), such as ejection or experiments, maneuvering (unclassified missions), jettison of parts, extension of antenna and solar arrays, venting, spinning or despinning attitude changes, reorientation, or anything which may affect the orbital characteristics:
10) A brief narrative description of the mission:
11) Transmitting frequencies and power (required only if space surveillance is required), including device, band, power (watts), frequency (mhz), and emission scheduled by fixed program, command, or transponder tracking:
12) Orbital objects cataloging instructions (include all orbital objects listed in no. 3, including common name, international designation, and country:

FAA Form 8800-1 (7-98) PAGE 2